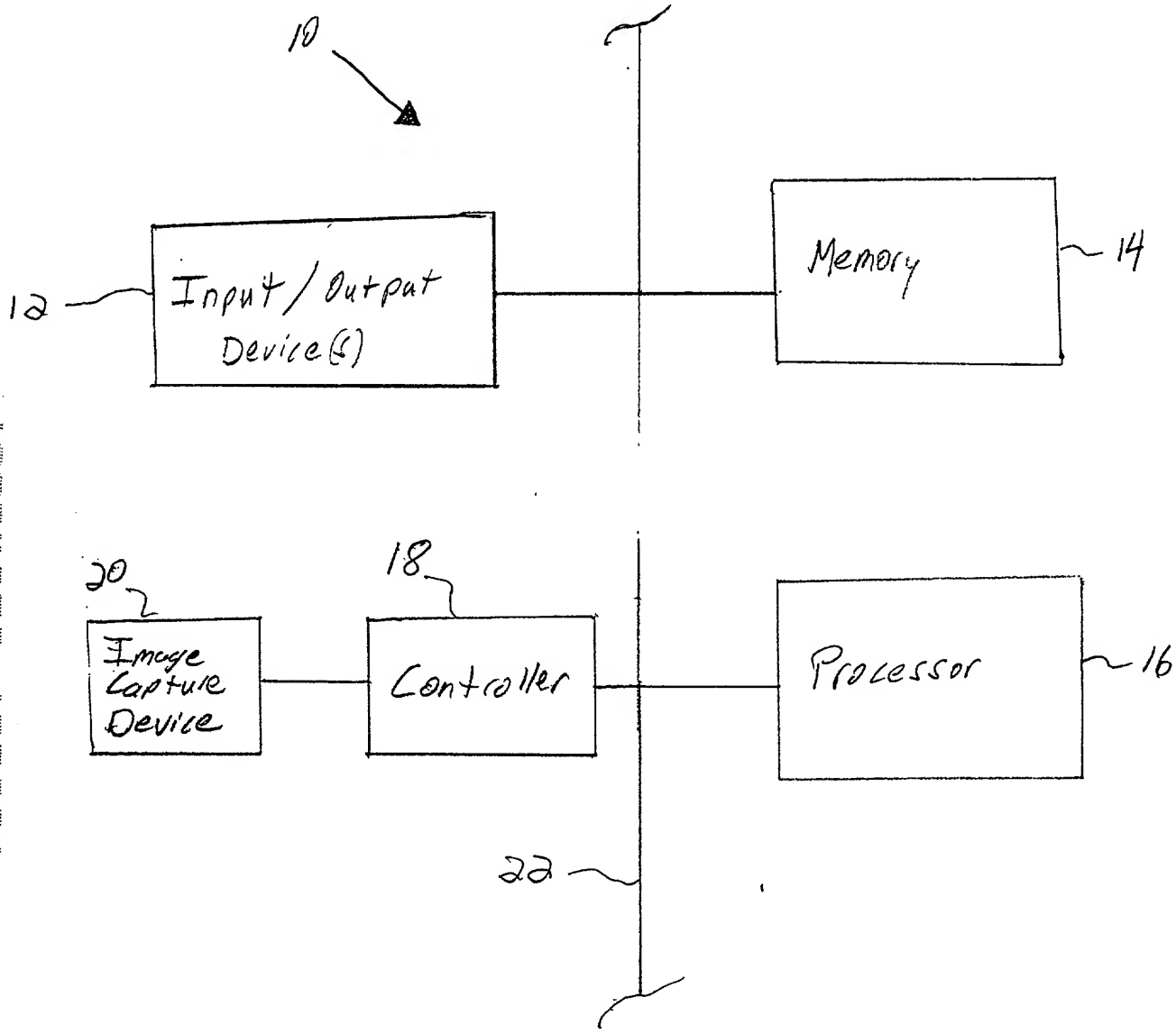

FIG. 1

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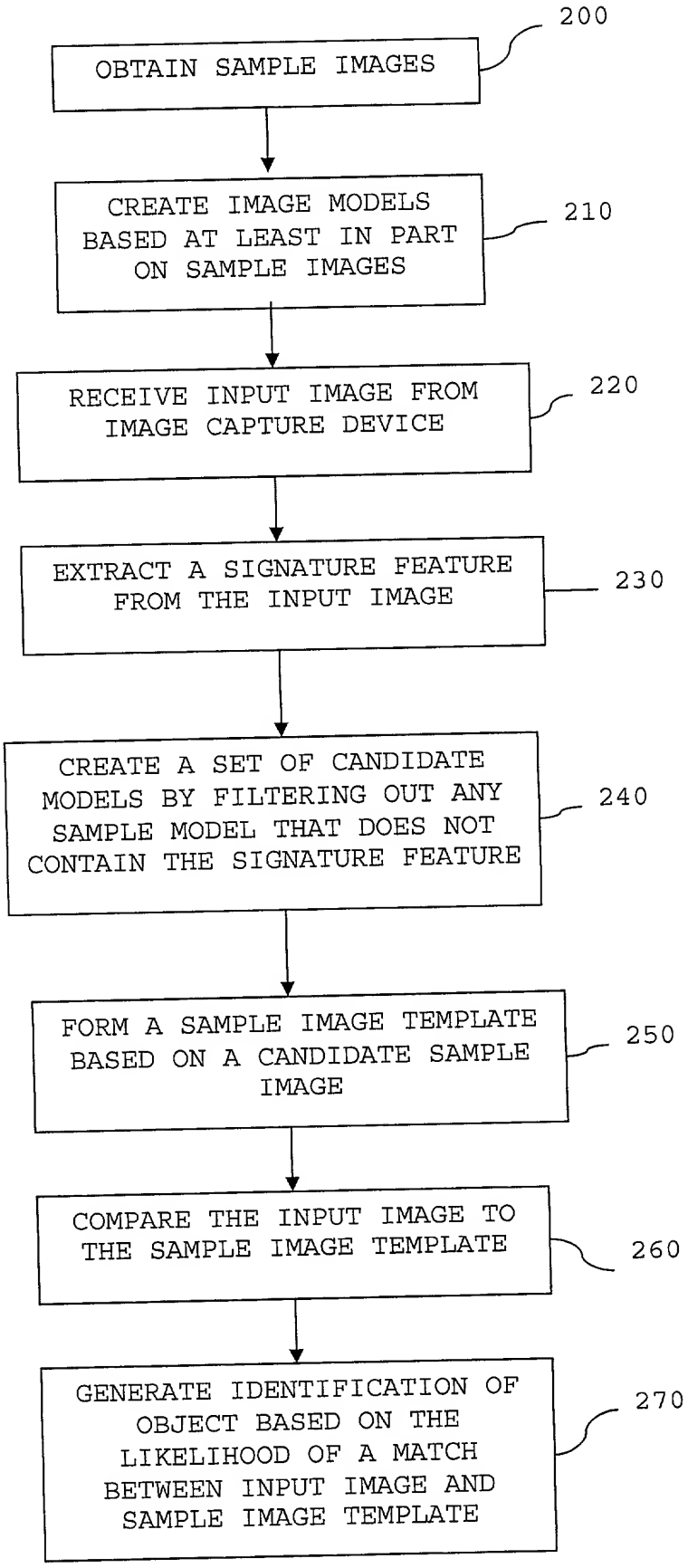

FIG. 2

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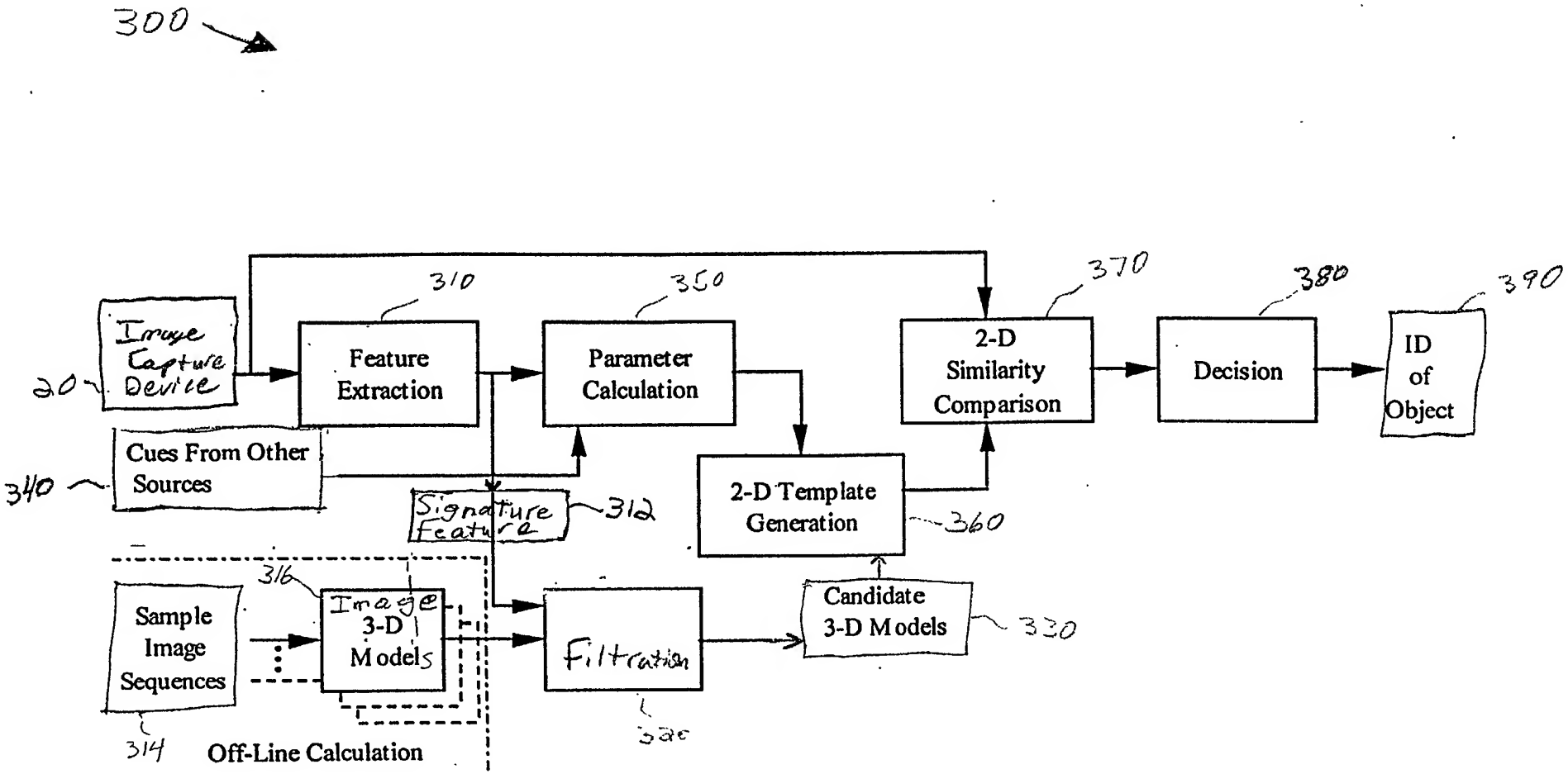
300
Image Capture Device
20
Feature Extraction
310
Parameter Calculation
350
2-D Similarity Comparison
370
Decision
380
ID of Object
390
Cues From Other Sources
340
Signature Feature
312
2-D Template Generation
360
316
Image 3-D Models
Sample Image Sequences
314
Off-Line Calculation
Filtration
320
Candidate 3-D Models
330

FIG. 3